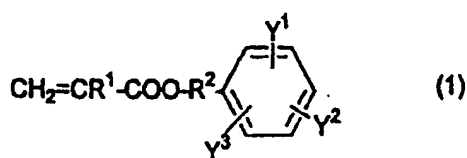


CLAIMS

1. A photocurable resin composition comprising:
  - (A) 20-80 wt% of urethane (meth)acrylate obtained by the reaction of a polyether polyol compound having an alkyleneoxy structure in the molecule, an organic polyisocyanate compound, and a hydroxyl group-containing (meth)acrylate compound,
  - (B) 10-70 wt% of a monofunctional ethylenically unsaturated compound,
  - (C) 5-25 wt% of a (meth)acrylate monomer having four or more functional groups, and
  - (D) 0.1-10 wt% of a photoinitiator.
2. The photocurable resin composition according to claim 1, wherein the component (B) includes a monofunctional (meth)acrylate of which the homopolymer has a glass transition temperature of  $-5^{\circ}\text{C}$  or less.
3. The photocurable resin composition according to claim 1 or 2, wherein the component (B) includes a monofunctional (meth)acrylate of the following formula (1):



- wherein  $\text{R}^1$  represents a hydrogen atom or a methyl group,  $\text{R}^2$  represents  $-(\text{CH}_2\text{CH}_2\text{O})_p-$ ,  $-(\text{CH}(\text{CH}_3)\text{CH}_2\text{O})_q-$ , or  $-\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{O}-$  (wherein  $p$  and  $q$  are integers from 1 to 5), and  $\text{Y}^1$  to  $\text{Y}^3$  individually represent a hydrogen atom, a bromine atom, an alkyl group having 1-10 carbon atoms, a phenyl group, or  $-\text{C}(\text{CH}_3)_2\text{C}_6\text{H}_5$ .
4. The photocurable resin composition according to any of claims 1 to 3, further comprising triphenyl phosphine.
  5. The photocurable resin composition according to any of claims 1 to 4, wherein a cured product of the photocurable resin composition has at least one peak or shoulder at a temperature of  $35^{\circ}\text{C}$  or less in a temperature dependence curve of a loss tangent obtained from a temperature dependence

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measurement of dynamic viscoelasticity.

6. The photocurable resin composition according to any of claims 1 to 5, wherein a cured product obtained by curing the photocurable resin composition has a Young's modulus of 10-60 MPa.
- 5 7. The photocurable resin composition according to any of claims 1 to 6, wherein a cured product obtained by curing the photocurable resin composition has a refractive index of 1.53 or more at 25°C.
8. The photocurable resin composition according to any of claims 1 to 7, which is used for forming an optical part.
- 10 9. An optical part which is formed of a cured product of the photocurable resin composition according to any one of claims 1 to 8.